

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

JK

October 22, 2007

TO: Internal File

THRU: Pamela Grubaugh-Littig, Permit Supervisor *PL*

FROM: *DD* Dana Dean, P.E., Senior Reclamation Hydrologist

RE: 2006 Fourth Quarter Water Monitoring, Mountain Coal Company, Gordon Creek 2, 7, & 8 Mine, C/007/0016-WQ06-4, Task #2733

The Gordon Creek 2, 7, & 8 Mine has been reclaimed, except for sedimentation ponds, and has received Phase I bond release. No mining or coal processing activities currently take place there, nor is the site in active reclamation.

Pertinent water monitoring requirement information is in the MRP in Sections 7.1.8 and 7.2.6, and tables 7-17, and 7-18.

1. Was data submitted for all of the MRP required sites? YES ☒ NO ☐

Springs –

The Permittee is not required to monitor any springs at the Gordon Creek 2, 7, & 8 Mine.

Streams –

The Permittee is required to sample one intermittent stream (2-2W), and five ephemeral stream sites (2-7-W, 2-8-W, 2-9-W, 2-10-W, 2-11-W) for flow, and the laboratory parameters outlined in Table 7-18 each quarter.

The Permittee monitored and reported the essential data for all streams as required during this quarter.

Wells–

The Permittee is not required to monitor any wells at the Gordon Creek 2, 7, & 8 Mine.

UPDES

There is one active UPDES site at the Gordon Creek 2, 7, & 8 Mine. It is permit # UTG040004-001, allowing discharge from the sedimentation pond to Bryner Creek. The Permittee is required to monitor this UPDES site monthly.

The Permittee monitored and reported the essential data for the UPDES site as required during this quarter. The UPDES site did not record any flow during the period.

2. Were all required parameters reported for each site? YES ☒ NO ☐

The Permittee included all required parameters for the sites that flowed this quarter.

3. Were any irregularities found in the data? YES ☐ NO ☒

No readings fell more than 2-standard deviations from the mean. All reliability checks fell within expected ranges (total number of cations/anions was not available for some of the reliability checks).

4. On what date does the MRP require a five-year re-sampling of baseline water data.

The MRP does not require a five-year re-sampling of baseline water data.

5. Based on your review, what further actions, if any, do you recommend?

No further actions are required at this time.